

GR_Thermostats - Electromechanical Immersion Heater timer with Synchronous 24-Hour clock, 220-240 VAC, 50 Hz, Surface Mount Timer Module with Manual Override, 15 minute Intervals, 16 A, SPDT - eco BG1S

Item 043600091



PRODUCT DESCRIPTION

The BG1S and the BG7S are analogue, single-channel synchronous time switches. The BG1Q is an analogue single-channel quartz time switch. Using the tappets of the mechanical clock, the daily or weekly programming is very easy with a very short response time of 15 minutes and 2 hours. Switching between the operating modes automatic, fixed ON and OFF can be made using a hand switch. These variants are distinguished by a simple and modern design with a low profile and easy mounting on flush boxes.

FEATURES

- ▶ 16 A / 250 VAC SPDT switch
- ▶ Synchronous drive
- ▶ Captive tripper levers with 15 minute intervals
- ▶ Manual override, ON-AUTO-OFF
- ▶ Easy-set true clock face
- ▶ Flush mounting
- ▶ Clear plastic dust cover
- ▶ Compact size
- ▶ Optimal tamper protection through sealable housing

APPLICATIONS

- ▶ Greenhouse Misting Control
- ▶ Heater Thermostat Control
- ▶ Landscape Lighting
- ▶ Machinery & Pump Controls
- ▶ Motor Control
- ▶ Outdoor Lighting Control
- ▶ Outdoor Water Fountains
- ▶ Pool Pump
- ▶ Pump Control
- ▶ Septic Treatment
- ▶ Water Heater Control
- ▶ Water Circulation

TECHNICAL DATA

General

Model Number	043600091
Description	Electromechanical Immersion Heater timer with Synchronous 24-Hour clock, 220-240 VAC, 50 Hz, Surface Mount Timer Module with Manual Override, 15 minute Intervals, 16 A, SPDT - eco BG1S
Country of Origin (Intermatic)	MEXICO
TARIC HS Code	9107.00.00.90

Control Specifications

Clock Drive Type	Synchronous
Backup Protection Time	No
Mechanism Type	Analog/Mechanical

Mechanical Specifications

Mounting Options	Flush Mounting; Surface Mounting
------------------	----------------------------------

Dimensions

Product Dimensions (H x W x D) mm	72 x 75 x 60 mm
Product Dimensions (H x W x D) in	2.834 x 2.952 x 2.362 in

Material Specifications

Color	White/grey
Enclosure Material	Thermoplastics, self-extinguishing & high-temperature resistant

Electrical Specifications

Wiring Option	Screw terminal with wire protection Max 2.5 mm ²
Input Voltage Range(s)	220-240 VAC
Accuracy	Mains synchronized
Current Output	Changeover, Potential-free, Opening Width < 3 mm
Input Voltage Frequencies	50 Hz

Display and Format

Shortest switching time	ON/OFF 15 minutes; Program Time 15 minutes
Time Display Format	Analog hands

Packaging

Shipping Weight (kg)	0.068
Shipping Weight (lbs)	0.15
Product Weight (kg)	0.163
Product Weight (lbs)	0.3586
Unit Carton Dimensions (H x W x D) in	2.371 x 3.61 x 3.61 in

Operating Specifications

Manual switch	ON/OFF/AUTO
Program	Daily Program (ON/OFF)
Tampering protection	Lead-sealable

Environmental Specifications

Storage Temperature Min (°F)	-4
Storage Temperature Max (°F)	131
Storage Temperature Min (°C)	-20
Storage Temperature Max (°C)	55
Operating Humidity	10% ... 90% relative humidity, non-condensing
Temperature (operation)	-20 - 85 °C / -4 - 185 °F

Standards and Certifications

Protection class	II, According to Corresponding Mounting
RoHS Certification	Y